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Research Interests

My research interests involve signal transduction in the vasculature as it relates to cardiovascular diseases, atherosclerosis, and diabetes. We are currently studying the signaling mechanisms by which angiotensin II and other vascular pathogens, such as reactive oxygen species and lysophosphatidylcholine, lead to vascular insulin resistance. We are also looking at endothelial dysfunction and the role that thrombin plays in nitric oxide production.

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